

MATERIAL SAFETY DATA SHEET

Product:	LE-4	<i>Note: The information herein is given in good faith. No warranty, expressed or implied, is made.</i>	
Printed:			
Printed For:			
Original Issue Date:	11/12/85	Approved By:	Chuck Hiddema
Revision No. 5 Date:	08/31/01		V.P. Technical Operations
Section I - Identification			
Manufacturer:	AGS Company		
Street Address:	2651 Hoyt St		
City/State/Zip	Muskegon Hts., MI 49444		
Phone:	800-253-0403		
Phone:	231-733-2101		
FAX:	231-733-1784		
Transportation Emergency:	CHEM-TEL		
Phone:	800-255-3924		
Trade Name:	Lock-Ease		
Catalog No.:	LE-4		
Common Name:	Lock-Ease		
Container/Size:	Plastic bottle, 3.4 oz.		
NFPA - Health:	0		
Flammability:	2		
Reactivity:	0		
Specific Hazard:			
HMIS - Health:	0		
Flammability:	2		
Reactivity:	0		
Protective Equipment:	A		
Section II - Hazardous Ingredients			
Hazardous Ingredient	CAS No.	Wgt. %	TLV
1 Aliphatic Petroleum Naphtha	8052-41-3	60-85%	100 ppm (500 ppm PEL)
2 Petroleum Oil*	Not Assigned	5-15%	5 cu. M. (mist)
3 Colloidal Graphite Dispersion	Not Assigned	1-5%	5 cu. M. (oil mist)
4 Aluminum Stearate Benzoate Complex	Not Assigned	1-5%	Not Assigned
5			
6			
7			
8			
9			
10			
NOTES:			
*Petroleum oil is severely hydrotreated or solvent refined. It does not require labeling as a carcinogen.			

Section III Physical Data			Catalog No. LE-4
pH - Supplied:	Not Determined		
pH - Diluted:	Not Applicable		
Water Solubility:	Nil		
Specific Gravity:	(Water=1) 0.81		
Melting Point:	Not Applicable		
Boiling Point:	Not Determined		
% Volatiles:	85% (by weight)		
Vapor Pressure:	Not Determined		
Vapor Density:	(Air=1) > 1		
Evaporation Rate:	Not Determined		
Appearance:	Black liquid with petroleum odor		
Section IV Fire & Explosion Data			
Flash Point:	100°F.		
Method:	T.C.C.		
Auto Ignition Temperature:	Not Determined		
Flammable Limits In Air	LEL: Not Determined		
	UEL: Not Determined		
Extinguishing Media:	Carbon dioxide, dry chemical, foam and/or water fog.		
Special Procedures:	Wear self-contained breathing apparatus. Water fog may be used to minimize vapor concentration		
Unusual Hazards:	Vapors are heavier than air and accumulate in low areas		
Section V - Reactivity Data			
Unstable and/or Auto Reactive:	Stable		
Incompatible Materials:	Strong oxidizers		
Hazardous Decomposition Products:	Oxides of carbon and aluminum		
Section VI - Emergency First Aid			
Eyes:	Flush with for at least 15 minutes. Consult a physician.		
Skin:	Wash with soap and water. Remove contaminated clothing. If adverse effects occur, consult a physician.		
Ingestion:	Do not induce vomiting, get immediate medical attention		
Inhalation:	Remove to fresh air. Administer oxygen or artificial respiration as require. Consult a physician.		
Section VII - Health Effects			
Eyes:	May cause irritation		
Skin:	May cause irritation, defatting, dermatitis. Contaminated clothing may cause severe irritation		
Ingestion:	May cause G.I. Irritation, nausea and vomiting		
Inhalation:	May cause irritation of the respiratory tract and CNS depression		
Other Effects:	Aspiration into lungs may cause chemical pneumonitis		

Section VIII - Ventilation and Protective Measures		Cat. No. LE-4	
Ventilation Requirement:	Suitable to maintain concentration below TLV's		
Eyes:	Yes		
Gloves:	Yes		
Clothing:	No		
Respiratory:	Yes		
Other:	Eye bath in work area		
Section IX - Storage and Handling Procedures			
Conditions to Avoid:	Excessive heat		
Section X - Spill Procedures and Waste Disposal			
Spill Procedure:	Absorb with an inert material		
Disposal Method:	Removal by an approved, licensed waste hauler		
EPA Waste I.D. NO.:	D001		